

Message

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**From:** Shams, Dahnish [Shams.Dahnish@epa.gov]  
**Sent:** 8/24/2020 4:34:42 PM  
**To:** Cowen, Tracey [USA - EMP] [TCowen@versar.com]; Schlosser, Paul [Schlosser.Paul@epa.gov]; White, Paul [White.Paul@epa.gov]  
**CC:** Morozov, Viktor [Morozov.Viktor@epa.gov]; Kapraun, Dustin [Kapuraun.Dustin@epa.gov]; Williams, Laura [USA - EMP] [lwilliams@versar.com]; Soto, Vicki [Soto.Vicki@epa.gov]; Bottimore, David [USA - EMP] [DBottimore@versar.com]  
**Subject:** RE: PBPK Modeling for Chloroprene; Reviewer Selection and Conditional Consent  
**Attachments:** LA Group\_Comment.pdf

Thanks Tracey! I'm checking with management. I'll respond this afternoon.

Just FYI, we got one more comment from the community group in Louisiana. The comment hasn't been posted publicly yet, but I grabbed it from the internal website. I did a quick read and did not see anything that impacts the candidate peer reviewers.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

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**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>  
**Sent:** Monday, August 24, 2020 12:03 PM  
**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>; White, Paul <White.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapuraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>  
**Subject:** PBPK Modeling for Chloroprene; Reviewer Selection and Conditional Consent

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, August 19, 2020 5:13 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Thanks Tracey! Just wanted to make sure we are all on the same page.

I've been looking at calendars Tracey. Do you think Thursday, September 03, 2020 2:30 PM-4:00 PM ET would work for a teleconference call? Availability is super difficult so I may have to keep looking if that doesn't work.

- Dahnish

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Wednesday, August 19, 2020 8:12 AM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA -

EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP]  
<[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, August 18, 2020 5:15 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

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**Subject:** RE: PBPK Modeling for Chloroprene

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Ex. 5 Deliberative Process (DP)

that your understanding as well?

- Dahnish

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

Thanks for checking about the teleconference meeting.  
Yes, a zip file of the comments will work.

-Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Tuesday, August 18, 2020 3:56 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – Let us check with management about the teleconference meeting and get back to you. We want to make sure we are on the same page before proceeding.

As for the comments in the docket, we (EPA) will pull them in a zip file. Would that work?

- Dahnish

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Tuesday, August 18, 2020 3:48 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Tuesday, August 18, 2020 1:11 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Does 15 min seem reasonable?

-Paul

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Tuesday, August 18, 2020 1:01 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

We will take those two dates (Oct. 9 & 12) into consideration when scheduling the meeting dates.

Regarding the duration of the teleconference meeting with the reviewers, how much time would EPA like to have to present background and overview of the review to the reviewers?

Thank you for sending the set of public comment along.

Tracey

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Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, August 18, 2020 9:46 AM

**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – Your timeline also seems appropriate. Dustin did bring to our attention that Monday, October 12 is a Federal holiday (Columbus Day), so we should avoid this date for the public meeting and if at all possible Friday, October 9. As soon as you have identified a specific date(s), I can hold the time for all the EPA folks.

As for the teleconference, how long are we envisioning the meeting going? I can attempt to hold some time on people's calendars now for early September.

Lastly, I'm attaching the one comment we've received so far. It should hopefully show up on Regulations.Gov later today.

- Dahnish

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---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Sent:** Tuesday, August 18, 2020 7:57 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Subject:** RE: PBPK Modeling for Chloroprene

Thanks for the update, Tracey. I'm not sure why anyone would object to any of the candidates, so it seems you'll have a good pool for the final selection.

-Paul

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Monday, August 17, 2020 4:19 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

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**Subject:** PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**

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Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Wednesday, August 5, 2020 2:09 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

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**Subject:** RE: PBPK Modeling for Chloroprene



Ok thanks for the update Tracey! Let's see how things shake out over the next two weeks or so.

- Dahnish

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**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>  
**Sent:** Wednesday, August 05, 2020 2:08 PM  
**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>; White, Paul <White.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

All is well and thanks for checking in. So far we have not received any comments on the interim list of candidates. I did receive one telephone call from an individual inquiring about attending the public meeting, but he did not provide any comments. I think your assumption that people will wait to submit comments toward the end of the comment period is correct.

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – Hope you all are doing well. I just wanted to check in. Have you heard from anyone about the candidate reviewers? I know we're only half way through and people might wait to submit comments, but I wanted to check.

- Dahnish

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**Subject:** RE: PBPK Modeling for Chloroprene

Terrific!

**Tracey L. Cowen**  
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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – Good news! Our web contract swapped the LoC files. The date is now included as well as the corrected affiliation. We should be good to go now.

- Dahnish

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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Friday, July 24, 2020 2:59 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP]

<DBottimore@versar.com>

**Subject:** RE: PBPK Modeling for Chloroprene

Thanks, Dahnish!

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Friday, July 24, 2020 2:40 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Subject:** RE: PBPK Modeling for Chloroprene

Thanks Tracey. I'll send this over to our web master. We might be stuck for the FRN, but we'll get that corrected in the LoC and post it in the docket.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Friday, July 24, 2020 2:37 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

No, the reduction of the number of charge questions will not be an issue.

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

Tracey L. Cowen  
Environmental Scientist  
Environmental Services Group



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Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Friday, July 24, 2020 2:24 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Ok thanks Paul!

Tracey – **Ex. 5 Deliberative Process (DP)**

Thanks!

Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Friday, July 24, 2020 12:29 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Subject:** RE: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

-Paul

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Friday, July 24, 2020 12:04 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul

<Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP]

<DBottimore@versar.com>

**Subject:** RE: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

I'll get our web contractor to add the date to the LoC file.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Friday, July 24, 2020 11:59 AM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP]

<DBottimore@versar.com>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

We looked over the EPA site below under Meeting Materials and noticed a couple of things.

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Email: [tcowen@versar.com](mailto:tcowen@versar.com)

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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Friday, July 24, 2020 10:43 AM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey/all – Our web master has made the chloroprene pages live. Let us know if you see anything that needs editing.

- Dahnish

**Ex. 6 Personal Privacy (PP)**

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, July 21, 2020 1:13 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

Thank you for the update.

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Tuesday, July 21, 2020 12:05 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – FYI, after having significant technological issues related to the FRN, we finally got word that the FRN will publish on Friday. See below. The pre-publication version should be available on Thursday.

- Dahnish

Your document is about to publish in the Federal Register. This publication date has been confirmed with the Office of the Federal Register.

Title: Notice of Public Comment Period on Technical Documents for External Peer Review and the Pool of Candidate Peer Reviewers for a Report on Physiologically Based Pharmacokinetic (PBPK) Modeling for Chloroprene and a Supplemental Analysis of Metabolite Clearance

FRL #: 10011-36-ORD

Docket #:

Published Date: 07/24/2020

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---

**From:** Shams, Dahnish

**Sent:** Tuesday, July 14, 2020 4:34 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

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**Subject:** RE: PBPK Modeling for Chloroprene

Thanks Tracey! I think some of the link/spacing issues are because I converted the website into a Word document. I'll pass these edits to the web contractors though just to make sure.

- Dahnish

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Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, July 14, 2020 4:25 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

We have reviewed the staging website for the meeting; please see attached version with edits in track changes.

Few edits:

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey – I've attached to this email the staging website for the meeting. Do you mind taking a look and letting me know if any edits are required?

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** Shams, Dahnish  
**Sent:** Monday, July 13, 2020 5:35 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Ok thanks. No sooner than 48 hours from tomorrow (Thursday or Friday).

- Dahnish

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Center for Public Health and Environmental Assessment (CPHEA)  
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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

Good news! When do you anticipate that the FRN will be published? Considering the fact that most of candidates seem to be available, not sure we need to update the list of candidates.

Thanks,

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



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Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

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**Subject:** RE: PBPK Modeling for Chloroprene

Thanks Tracey! We just go the "go" signal on the FRN. Do need to update the list of individuals in the FR or are we good? See attached FRN.

- Dahnish

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Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

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**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, July 9, 2020 4:54 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Ok thanks Tracey!

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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Thursday, July 09, 2020 4:41 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

We have already started to inquire about the candidates availability for September & October based on the FRN likely being published around 7/24. So far four candidates have responded and they are still available for that timeframe.

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, July 9, 2020 3:37 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

OK thanks Tracey! I figured this was the case. I've been reiterating the delays are making this logistically challenging to plan the review itself.

Can I ask that maybe you wait to follow up until next week? I suspect we won't be able to post anything until at least the following week.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
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**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Thursday, July 09, 2020 12:57 PM  
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**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, July 9, 2020 11:13 AM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Tracey/all – Just wanted to provide an update, there was another round of back and forth with Denka on the documents for the peer review. This has unfortunately slowed us down again. There is a check-in meeting on Monday with senior management ORD on Monday. I'm hoping for a better sense of when I can push the FRN forward for posting by then.

Besides the schedule, are there any other implications to consider with the delayed release? Do we need to circle back with the candidates before posting the FRN? Just wanted to check.

Thanks!

Dahnish

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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, June 24, 2020 9:50 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** Re: PBPK Modeling for Chloroprene

Thanks for the explanation Tracey. I've sent the version you provided earlier this morning to our webmaster.

- Dahnish

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Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** "Cowen, Tracey [USA - EMP]" <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Date:** Wednesday, June 24, 2020 at 9:17 AM  
**To:** "White, Paul" <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>, "Shams, Dahnish" <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>, "Bottimore, David [USA - EMP]" <[DBottimore@versar.com](mailto:DBottimore@versar.com)>, "Schlosser, Paul" <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** "Morozov, Viktor" <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>, "Kapraun, Dustin" <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>, "Williams, Laura [USA - EMP]" <[lwilliams@versar.com](mailto:lwilliams@versar.com)>, "Soto, Vicki" <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Paul,

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>  
**Sent:** Wednesday, June 24, 2020 9:08 AM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Best,  
Paul

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Wednesday, June 24, 2020 9:03 AM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, June 24, 2020 12:03 AM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** Re: PBPK Modeling for Chloroprene

Thanks Tracey! I've accepted your revisions and have reattached a clean version. I'm going to send this version to be made 508 compliant.

- Dahnish

Chemical & Pollutant Assessment Division (CPAD)  
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---

**From:** "Cowen, Tracey [USA - EMP]" <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Date:** Tuesday, June 23, 2020 at 1:46 PM  
**To:** "Shams, Dahnish" <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>, "Bottimore, David [USA - EMP]" <[DBottimore@versar.com](mailto:DBottimore@versar.com)>, "White, Paul" <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>, "Schlosser, Paul" <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** "Morozov, Viktor" <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>, "Kapraun, Dustin" <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>, "Williams, Laura [USA - EMP]" <[lwilliams@versar.com](mailto:lwilliams@versar.com)>, "Soto, Vicki" <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

## Ex. 5 Deliberative Process (DP)

Tracey L. Cowen  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Tuesday, June 23, 2020 1:20 PM  
**To:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Tracey/David – Still waiting for the final go ahead, but attached is the LoC document. Is the list of experts still accurate? I know there were a few changes, but I wanted to double check before we make it 508 compliant.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** Shams, Dahnish  
**Sent:** Thursday, June 18, 2020 3:42 PM  
**To:** 'Bottimore, David [USA - EMP]' <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

OK great! Thanks David.

- Dahnish

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**From:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
**Sent:** Thursday, June 18, 2020 11:02 AM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** Re: Update: PBPK Modeling for Chloroprene



Excellent, thanks. I have been checking the FR every morning. We'll be ready and hoping that we'll be able to select the "top 9" that we have in mind, but we'll have to wait to see what kind of feedback we get.

Stay well.

David

**David Bottimore**  
Environmental Services Group



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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, June 18, 2020 11:00 AM  
**To:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Ok great! Thanks David! I'll let you know when the FRN is signed and gets pushed forward for final posting.

- Dahnish

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**From:** Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>  
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**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** Re: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

Thanks for the update and we're keeping an eye out for the FR. We'll be waiting for comments on the candidate reviewers and will likely look to select the final nine reviewers around the end of July, at which time we will get the premeeting review underway. Based on availability information from the candidates, we're still looking at mid-late September for a meeting and we have a couple of windows of opportunity for the two-day meeting.

David

**David Bottimore**  
Environmental Services Group



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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
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**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi David/Laura – Just noticed that Tracey is out of the office. I'm not sure if that impacts how you guys respond to my message and the timing of the FRN, but let me know!

- Dahnish

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**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Tracey – Just an FYI, I submitted the FRN for review by EPA's Office of Policy. I expect comments back by no later than tomorrow. If all goes well, the FRN should publish by middle of next week (Wednesday is my best guess).

Let me know how this impacts our timeline.

- Dahnish

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**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>  
**Sent:** Tuesday, June 16, 2020 1:47 PM  
**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Dahnish, please let me know when the light is green.

-Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



Direct: 301-304-3121

Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

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---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>  
**Sent:** Tuesday, June 16, 2020 1:25 PM  
**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; White, Paul <White.Paul@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>  
**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Tracey! Attached to this email is the (hopefully) final FRN. Just waiting on the final greenlight from ORD management.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Tuesday, June 16, 2020 9:05 AM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish,

I looked over the FRN and just made a couple of changes. Please see attached with track changes.

Thanks,  
Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Mobile: Ex. 6 Personal Privacy (PP)  
Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Monday, June 15, 2020 5:31 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, June 09, 2020 3:45 PM

**To:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Thanks,

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



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Mobile: Ex. 6 Personal Privacy (PP)

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>

**Sent:** Tuesday, June 9, 2020 11:54 AM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki

<Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

Thanks,

Paul

---

**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>

**Sent:** Tuesday, June 9, 2020 11:26 AM

**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks for the update Tracey! I'm ok with a pool of 20 since that is how many people responded to your latest call.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)

Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA

O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Tuesday, June 09, 2020 10:25 AM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>

**Cc:** Morozov, Viktor <Morozov.Viktor@epa.gov>; Kapraun, Dustin <Kapraun.Dustin@epa.gov>; White, Paul <White.Paul@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Friday, June 5, 2020 5:28 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks for the update Tracey.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
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---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Friday, June 05, 2020 5:20 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

I don't know what to say. That's still a good list, just would be nice if there would have been more as candidates, in case.

-Paul

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Friday, June 05, 2020 5:07 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP]



<Iwilliams@versar.com>; Soto, Vicki <Soto.Vicki@epa.gov>

**Subject:** Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Thursday, June 4, 2020 12:30 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Fabulous! Thank Tracey! I'm pushing hard to get everything finalized ASAP on our end. I'll let you know if anything changes though.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Thursday, June 04, 2020 12:12 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, June 3, 2020 4:46 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

- Dahnish

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Center for Public Health and Environmental Assessment (CPHEA)  
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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, June 02, 2020 4:21 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

Just checking in to see if you had any information on when the FRN will be published? I updated the pool of candidates this morning to inform them that their name, affiliation, and expertise would be published (date to be determined) and that we still anticipate beginning the review in early July, with a meeting to be scheduled for mid-late August. Also I didn't see a statement in the draft FRN on how long the comment period is for the list of candidates. Are we still considering 14 days?

Hope all is well,

Thanks!

Tracey

**Tracey L. Cowen**

Environmental Scientist

Environmental Services Group



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Mobile: **Ex. 6 Personal Privacy (PP)**

Email: [tcowen@versar.com](mailto:tcowen@versar.com)

Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Wednesday, May 27, 2020 5:03 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>

**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Tracey/Paul! Sounds like we're in a good spot.

Tracey – We're just about to submit the FRN for a final review. Not sure how long it will take to clear, but once it does, we'll let you know ASAP.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Wednesday, May 27, 2020 4:02 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks Paul.

## Ex. 5 Deliberative Process (DP)

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Email: [tcowen@versar.com](mailto:tcowen@versar.com)  
Visit us at: [www.versar.com](http://www.versar.com)

---

**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Sent:** Wednesday, May 27, 2020 3:50 PM  
**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

## Ex. 5 Deliberative Process (DP)

-Paul

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Sent:** Wednesday, May 27, 2020 3:08 PM  
**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** RE: Update: PBPK Modeling for Chloroprene

Thanks for the update Tracey!

**Ex. 5 Deliberative Process (DP)**

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>  
**Sent:** Wednesday, May 27, 2020 2:44 PM  
**To:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>  
**Cc:** Morozov, Viktor <[Morozov.Viktor@epa.gov](mailto:Morozov.Viktor@epa.gov)>; Kapraun, Dustin <[Kapraun.Dustin@epa.gov](mailto:Kapraun.Dustin@epa.gov)>; White, Paul <[White.Paul@epa.gov](mailto:White.Paul@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>  
**Subject:** Update: PBPK Modeling for Chloroprene

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

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**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>

**Sent:** Thursday, May 21, 2020 2:09 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

## Ex. 5 Deliberative Process (DP)

-Paul

---

**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Thursday, May 21, 2020 1:25 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

## Ex. 5 Deliberative Process (DP)

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
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---

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Thursday, May 21, 2020 1:08 PM

**To:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP] <[lwilliams@versar.com](mailto:lwilliams@versar.com)>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi Dahnish and Paul,

## Ex. 5 Deliberative Process (DP)

# **Ex. 5 Deliberative Process (DP)**

# Ex. 5 Deliberative Process (DP)

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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Visit us at: [www.versar.com](http://www.versar.com)

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**From:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>

**Sent:** Monday, May 18, 2020 12:40 PM

**To:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>; Schlosser, Paul <[Schlosser.Paul@epa.gov](mailto:Schlosser.Paul@epa.gov)>; Soto, Vicki <[Soto.Vicki@epa.gov](mailto:Soto.Vicki@epa.gov)>; Bottimore, David [USA - EMP] <[DBottimore@versar.com](mailto:DBottimore@versar.com)>; Williams, Laura [USA - EMP]

<lwilliams@versar.com>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi Tracey – I know you all are still reviewing the FRN, but I just wanted to give you a heads up that I moved the “start date” to July 8 in the FRN. This is a safer date for us given that clearance is taking longer than expected for most of our materials right now.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)  
Office of Research and Development, U.S. EPA  
O: (202) 564-2758

---

**From:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>

**Sent:** Thursday, May 14, 2020 5:06 PM

**To:** Shams, Dahnish <Shams.Dahnish@epa.gov>; Schlosser, Paul <Schlosser.Paul@epa.gov>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Thanks Dahnish, we will look at these revised versions of the chloroprene FRN and the LoC documents and get back to you soon.

Tracey

**Tracey L. Cowen**  
Environmental Scientist  
Environmental Services Group



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**From:** Shams, Dahnish <Shams.Dahnish@epa.gov>

**Sent:** Thursday, May 14, 2020 4:55 PM

**To:** Cowen, Tracey [USA - EMP] <TCowen@versar.com>; Schlosser, Paul <Schlosser.Paul@epa.gov>; Soto, Vicki <Soto.Vicki@epa.gov>; Bottimore, David [USA - EMP] <DBottimore@versar.com>; Williams, Laura [USA - EMP] <lwilliams@versar.com>

**Subject:** RE: Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

Hi David/Tracey/Laura – Thank you all for a productive meeting this morning. I’ve attached slightly revised versions of the chloroprene FRN and the LoC documents based on the conversation we had earlier today. I did add the list of names of the experts and their abbreviated expertise. We will likely need to triple check the names and expertise. Let me know how this looks and if you have any comments on this version.

- Dahnish

Chemical and Pollutant Assessment Division (CPAD)  
Center for Public Health and Environmental Assessment (CPHEA)

Office of Research and Development, U.S. EPA  
O: (202) 564-2758

-----Original Appointment-----

**From:** Cowen, Tracey [USA - EMP] <[TCowen@versar.com](mailto:TCowen@versar.com)>

**Sent:** Tuesday, May 12, 2020 9:16 AM

**To:** Cowen, Tracey [USA - EMP]; Shams, Dahnish; Schlosser, Paul; Soto, Vicki; Bottimore, David [USA - EMP]; Williams, Laura [USA - EMP]

**Subject:** Chloroprene Peer Review - Meeting to Discuss FRN & Timeline

**When:** Thursday, May 14, 2020 11:00 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:**

Discuss the FRN and timeline for PBPK modeling for Chloroprene Peer Review

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